

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1-71. **(Cancelled)**

72. **(Previously Presented)** A valve comprising

a body, the body having at least three body apertures, a first body aperture, a second body aperture, and a third body aperture and wherein the body is substantially cylindrical, the body having a primary end and a secondary end;

a hollow selective interrupter positioned inside the body for rotation therein, the hollow selective interrupter having a substantially cylindrical wall, a first end with an opening therein, and a second closed end;

wherein the hollow selective interrupter has at least two channels disposed on the substantially cylindrical wall, the at least two channels being a first channel and a second channel, wherein the first and second channel are routed with a graduated routing;

wherein the open end of the hollow selective interrupter is in fluid communication with the first body aperture;

wherein the hollow selective interrupter has a first rotational position in which the first channel is in communication with the second body aperture, a second rotational position in which the second channel is in communication with the third body aperture, and a rotational intermediate position in which the first channel is in communication with the second body aperture and the second channel is in communication with the third body aperture; and

wherein rotation of the hollow selective interrupter proportionally transitions a flow relationship between a first flow path between the first body aperture and the second body aperture to a second flow path between the first body aperture and the third body aperture.

73. **(Previously Presented)** The valve of claim 72 wherein the valve is adapted for use in aircraft and wherein the valve is adapted to be installed into an aircraft instrument panel wherein the first body aperture is in communication with a driver source, the second body aperture is in communication with an instrument, and the third body aperture is in communication with a dummy load.

74. **(Previously Presented)** The valve of claim 73 further comprising a bonnet connected to the body and in contact with the hollow selective interrupter; an arm extending through the bonnet and connected to the hollow selective interrupter; and an actuator movably connected to the arm.

75. **(Previously Presented)** The valve of claim 72 wherein the first and second channels are routed so as to substantially minimize a change in a back pressure from a flow source as the flow relationship gradually transitions from the first flow path to the second flow path.

76. **(Previously Presented)** The valve of claim 72 wherein the valve further comprises a tolerance between the hollow selective interrupter and the body sufficient to prevent air leakage therebetween without using a lubricant.

77. **(Previously Presented)** The valve of claim 72 wherein the valve further comprises a lubricant between the hollow selective interrupter and the body.

78. **(Previously Presented)** The valve of claim 72 wherein the at least three body apertures comprise substantially cylindrical body apertures, substantially oval slot-shaped body apertures, threaded body apertures, or a combination thereof.

79. **(Previously Presented)** The valve of claim 74 wherein the actuator further comprises a handle and wherein the arm further comprises gearing.

80. **(Previously Presented)** The valve of claim 74 wherein the bonnet further comprises a stop, wherein the stop limits a rotary movement of the hollow selective interrupter.

81. **(Cancelled)**

82. **(Previously Presented)** A valve comprising:

- a body, the body having an input aperture, a first output aperture, and a second output aperture;
- a hollow selective interrupter defined by a wall forming a cylindrical sleeve, said interrupter positioned inside the body and rotatable inside the body from a first position to a second position;
- at least two spaced apart through bores in said interrupter wall, a first interrupter through bore positioned in the wall so as to underlie the first output aperture of the body when the interrupter is in the first position and a second interrupter through bore position in the wall so as to underlie the second output aperture of the body when the interrupter is in the second position;
- wherein the interrupter is further rotatable inside the body to an intermediate position between the first position and the second position; and
- wherein the first interrupter through bore partially underlies the first output aperture of the body when the interrupter is in the intermediate position and the second

interrupter through bore partially underlies the second output aperture of the body when the interrupter is in the intermediate position.

83. **(Previously Presented)** The valve of claim 82 wherein at least one through bore is a channel.

84. **(Previously Presented)** The valve of claim 82 wherein a channel connects the through bores.

85. **(Previously Presented)** The valve of claim 82 wherein the input aperture is a pneumatic flow source, the first output aperture is a load, and the second output aperture is a dummy load.

86. **(Previously Presented)** The valve of claim 85 wherein the two through bores are channels with a gradual routing for transitioning from the first flow arrangement to the second flow arrangement without substantially changing a back pressure of the pneumatic flow source.

87. **(Previously Presented)** The valve of claim 82 wherein a first rotational position of the hollow cylindrical selective interrupter enables a flow relationship between the input aperture and the first output aperture and wherein a second rotational position of the selective interrupter enables a flow relationship between the input aperture and the second output aperture.

88. **(Previously Presented)** The valve of claim 86 wherein the two through bores are channels and are aligned in a manner that allows a reduction in the size of the first channel to commence as an increase in the size of the second channel commences during rotation of the selective hollow cylindrical selective interrupter.

89. **(Previously Presented)** The valve of claim 86 wherein the two through bores comprise a first channel and a second channel and wherein the first channel is aligned to allow communication between the input aperture and the first output aperture and wherein the second

channel is aligned to allow communication between the input aperture and the second output aperture.

90. **(Previously Presented)** The valve of claim 89 wherein the two through bores are channels and are aligned to allow a gradually transition from a termination of a first flow arrangement to the commencement of a second flow arrangement upon rotation of the hollow cylindrical selective interrupter within the body of the valve.

91. **(Previously Presented)** The valve of claim 90 further comprising an actuator for rotating the selective interrupter.

92. **(Previously Presented)** The valve of claim 91 further comprising a stop to limit rotation of the selective interrupter.

93. **(Previously Presented)** The valve of claim 89 wherein rotation of the selective interrupter does not interrupt flow from the input aperture.

94. **(Previously Presented)** A valve comprising:
a substantially cylindrical body having a first body open end, a second body end, and a cylindrical body wall, the cylindrical body wall having at least two body apertures, a first body aperture and a second body aperture;

a hollow selective interrupter positioned inside the body for rotation therein;

an arm connected to the hollow selective interrupter for rotation of the hollow selective interrupter;

wherein the hollow selective interrupter comprises a first open end, a second end, and a wall, the wall having at least two apertures, wherein the at least two apertures comprise a first aperture and a second aperture;

a flow arrangement between the selective interrupter and the body;

wherein rotation of the selective interrupter proportionally transitions a flow relationship between a first flow path and a second flow path;

wherein the first flow path is from the first body open end to the first body aperture and the second flow path is from the first body open end through the second body aperture; and

wherein the hollow selective interrupter further comprises at least one routed portion in contact with the at least two apertures to form a gradual depression in the wall so as to dampen and substantially minimize a change in a back pressure from the first flow path as the flow relationship gradually transitions from the first flow path to the second flow path;.

95. **(Previously Presented)** The valve of claim 94 wherein the first and second apertures are aligned on the hollow selective interrupter such that rotation of the hollow selective interrupter results in an both communication between the first aperture and the second aperture and communication between the first aperture and the third aperture throughout a portion of the rotation of hollow selective interrupter in the body.

96. **(Cancelled)**